INDEX

Blackburn, H. M. & Melbourne, W. H. The effect of free-stream turbulence on sectional lift forces on a circular cylinder, 267–292

Borue, V. & Orszag, S. A. Numerical study of three-dimensional Kolmogorov flow at high Reynolds numbers, 293–323

Bowman, J. C. On inertial-range scaling laws, 167–181

Brandenburg, A., Jennings, R. L., Nordlund, Å., Rieutord, M., Stein, R. F. & Tuominen, I. Magnetic structures in a dynamo simulation, 325–352

Broutman, D. *See* Rottman, Broutman & Grimshaw

Buttsworth, D. R. Interaction of oblique shock waves and planar mixing regions, 43–57

Clavin, P. & He, L. Stability and nonlinear dynamics of one-dimensional overdriven detonations in gases, 353–378

Dolez, N. *See* Tomasini, Dolez & Léorat

Fichman, M. *See* Vainshtein, Fichman, Shuster & Gutfinger

Glasser, B. J., Kevrekidis, I. G. & Sundaresan, S. One- and two-dimensional travelling wave solutions in gas-fluidized beds, 183–221

Grant, J. R. *See* Marshall & Grant

Grimshaw, R. *See* Rottman, Broutman & Grimshaw

Gubbins, D. *See* Sarson & Gubbins

Gutfinger, C. *See* Vainshtein, Fichman, Shuster & Gutfinger

He, L. *See* Clavin & He

Jennings, R. L. *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen

Kelso, R. M., Lim, T. T. & Perry, A. E. An experimental study of round jets in cross-flow, 111–144

Kevrekidis, I. G. *See* Glasser, Kevrekidis & Sundaresan

Léorat, J. *See* Tomasini, Dolez & Léorat

Lim, T. T. *See* Kelso, Lim & Perry

Marshall, J. S. & Grant, J. R. Penetration of a blade into a vortex core: vorticity response and unsteady blade forces, 83–109

Melbourne, W. H. *See* Blackburn & Melbourne

Nordlund, Å. *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen

Orszag, S. A. *See* Borue & Orszag

Perry, A. E. *See* Kelso, Lim & Perry

Rein, M. The transitional regime between coalescing and splashing drops, 145–165

Rieutord, M. *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen

Rottman, J. W., Broutman, D. & Grimshaw, R. Numerical simulations of uniformly stratified fluid over topography, 1–30

Sarson, G. R. & Gubbins, D. Three-dimensional kinematic dynamos dominated by strong differential rotation, 223–265

Shuster, K. *See* Vainshtein, Fichman, Shuster & Gutfinger

Stein, R. F. *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen

Sundaresan, S. *See* Glasser, Kevrekidis & Sundaresan

Tomasini, M., Dolez, N. & Léorat, J. Instability of a rotating shear layer in the transonic regime, 59–82

Tuominen, I. *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen

Vainshtein, P., Fichman, M., Shuster, K. & Gutfinger, C. The effect of centreline particle concentration in a wave tube, 31–42